

# Figures

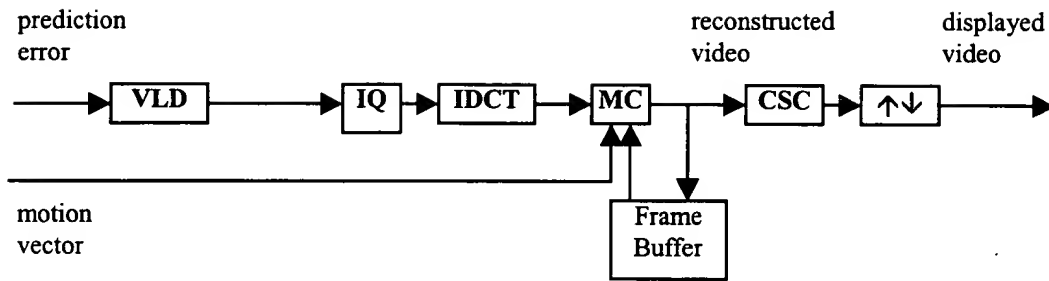


Figure 1

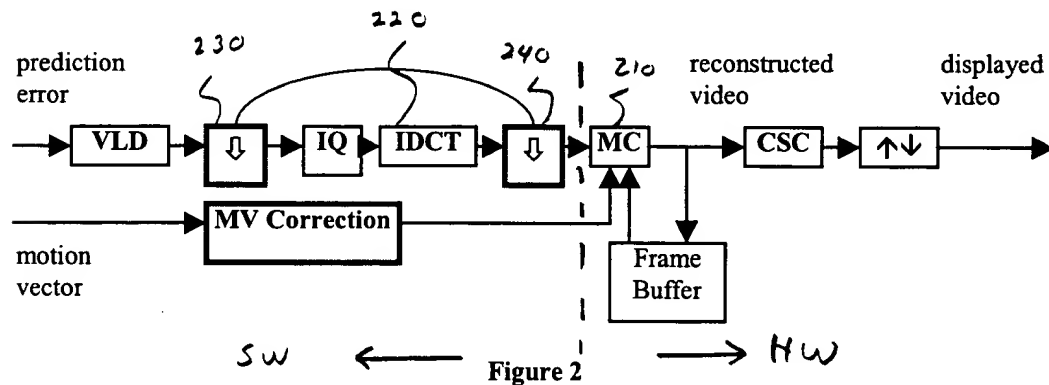
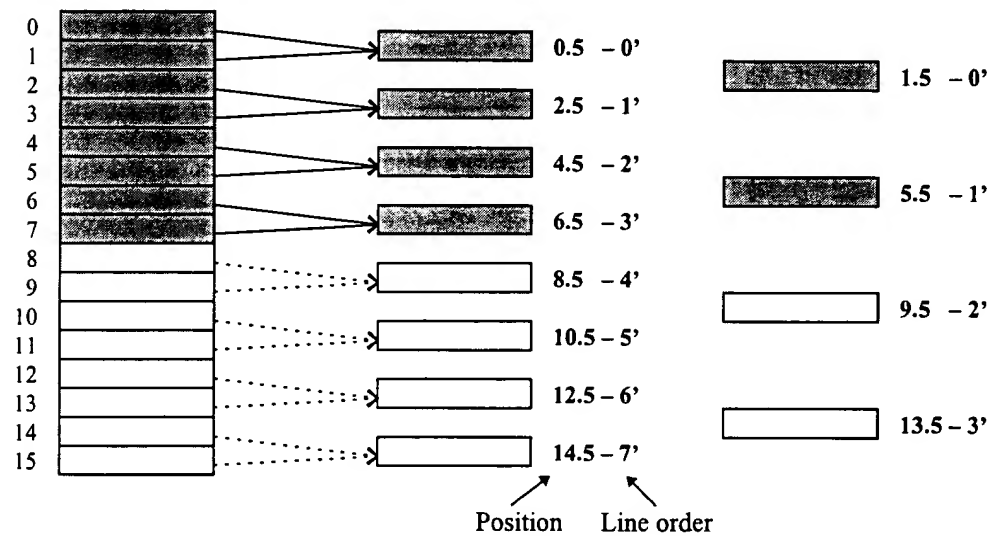


Figure 2

## Frame picture type with frame prediction



(a) Left half of the original Luma macroblock

(b) 2:1 downsample with frame DCT data

(b) 4:1 downsample with frame DCT data

Figure 3

## Field picture type with field prediction

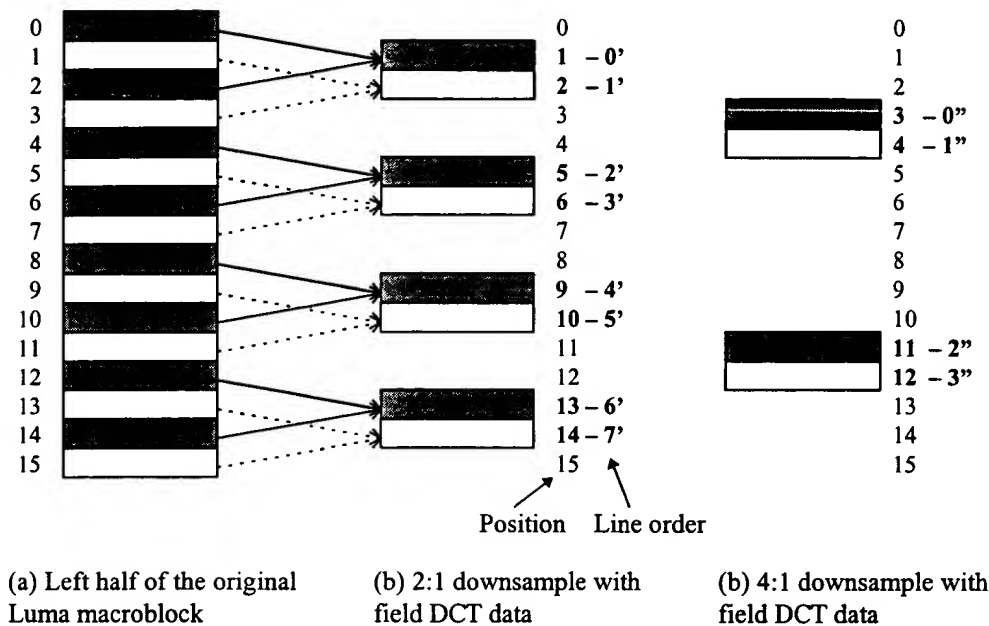


Figure 4

## Frame picture type with field prediction

### (1) for macroblock with frame DCT and frame prediction

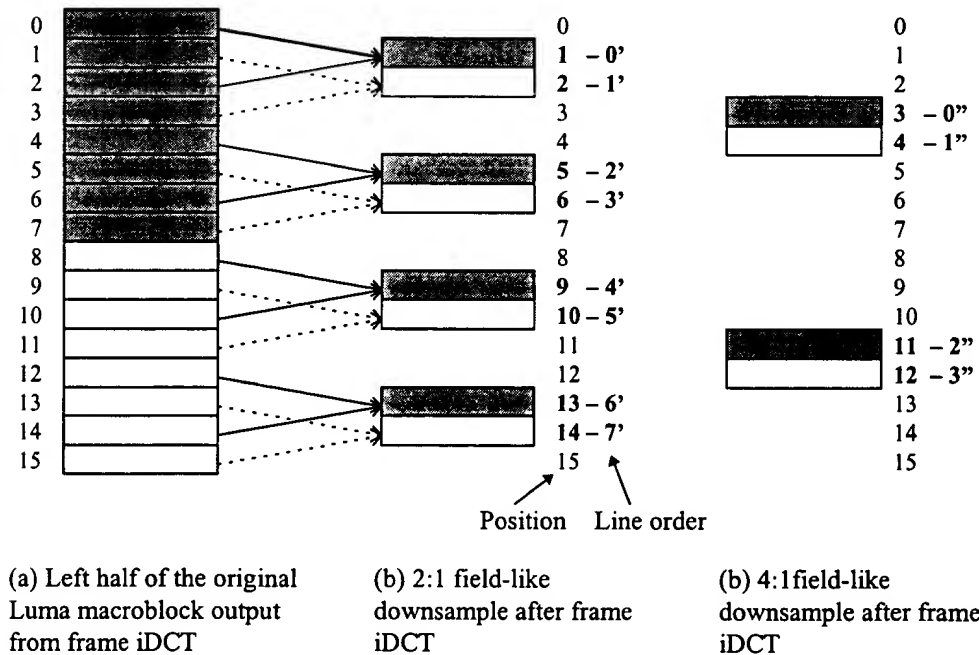
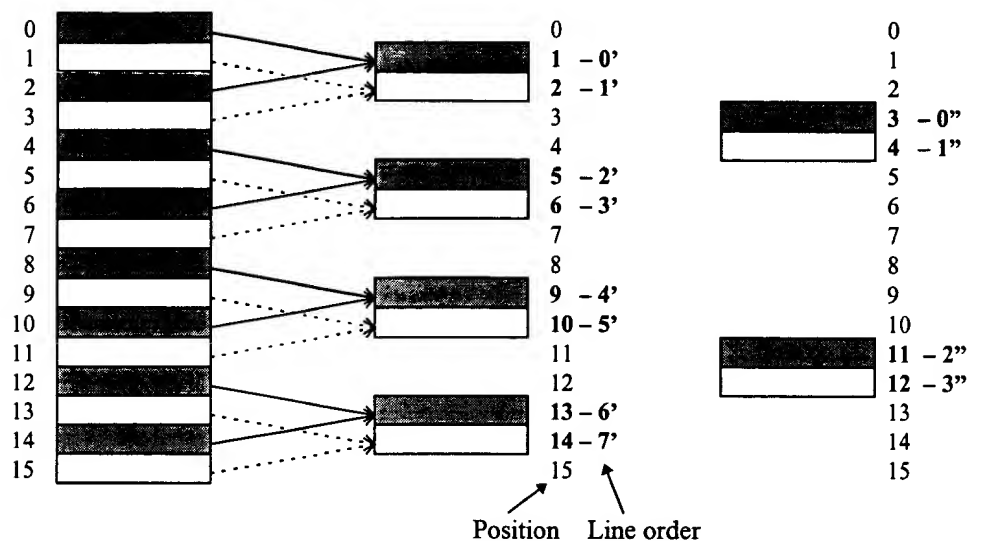


Figure 5

**Frame picture type with field prediction**  
**(2) macroblock with field DCT and field prediction**



(a) Left half of the original  
Luma macroblock

(b) 2:1 downsample with  
field DCT data

(b) 4:1 downsample with  
field DCT data

**Figure 6**

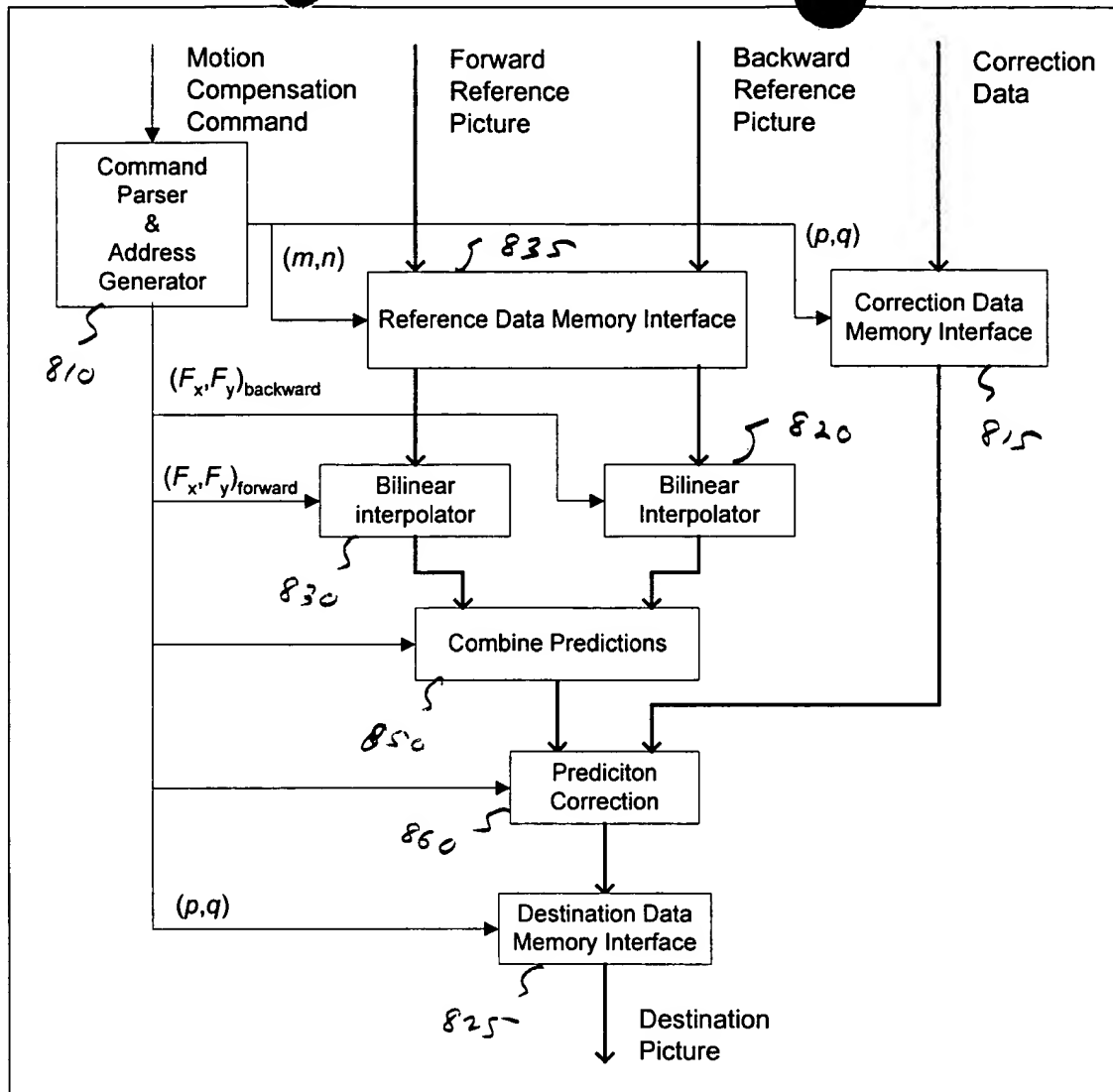


Figure 7

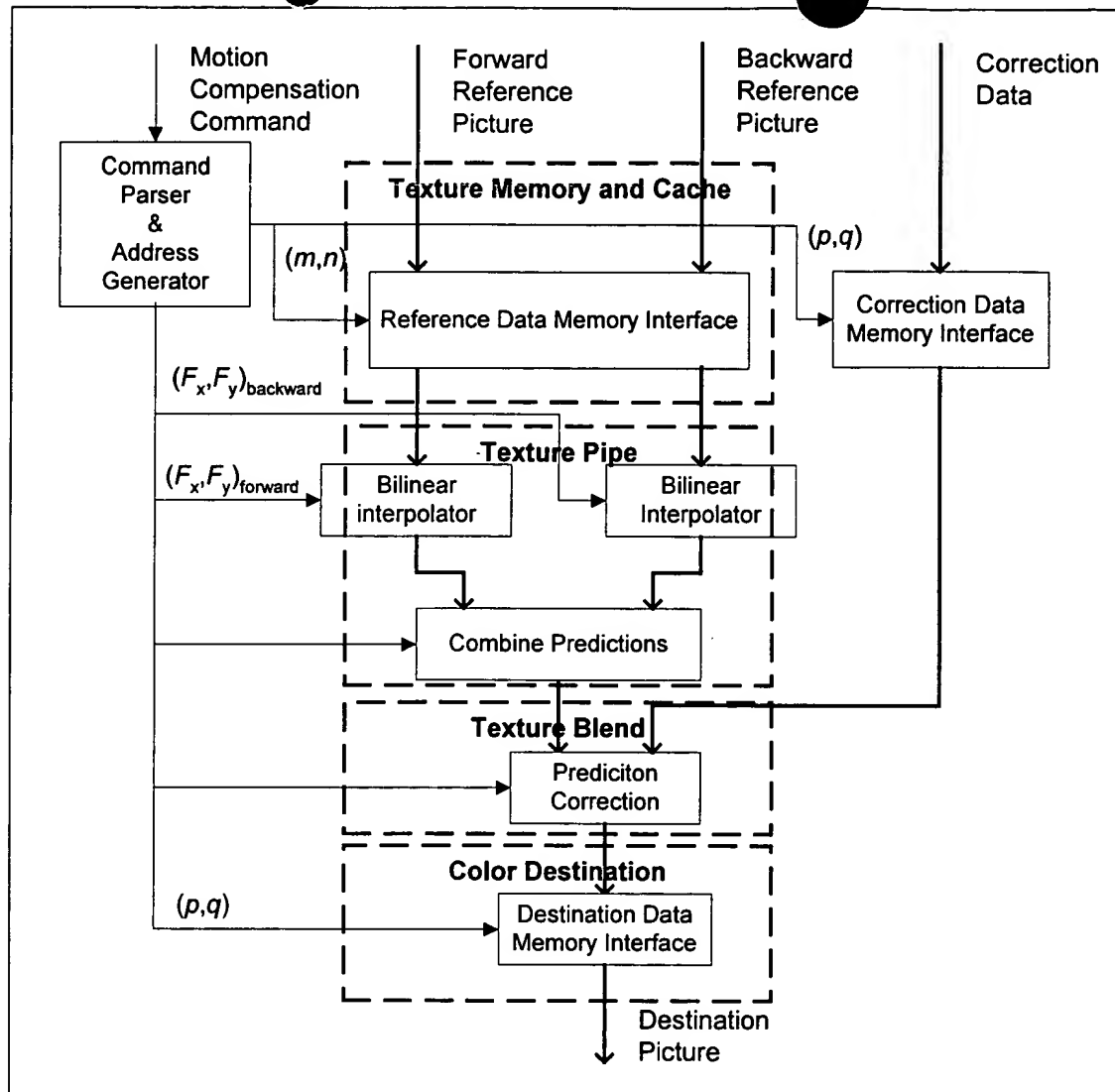


Figure 8.

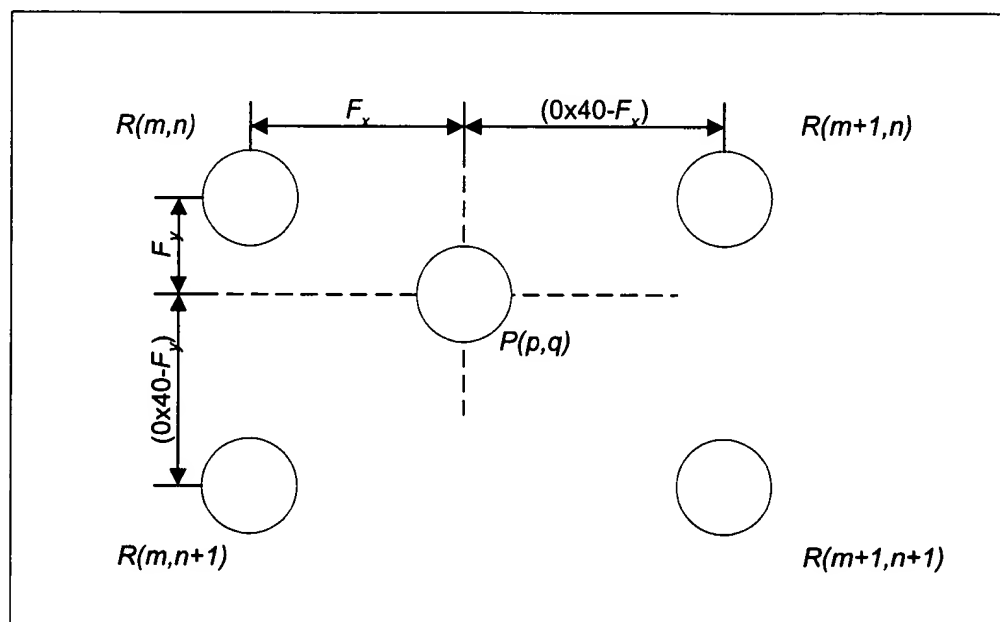


Figure 9.

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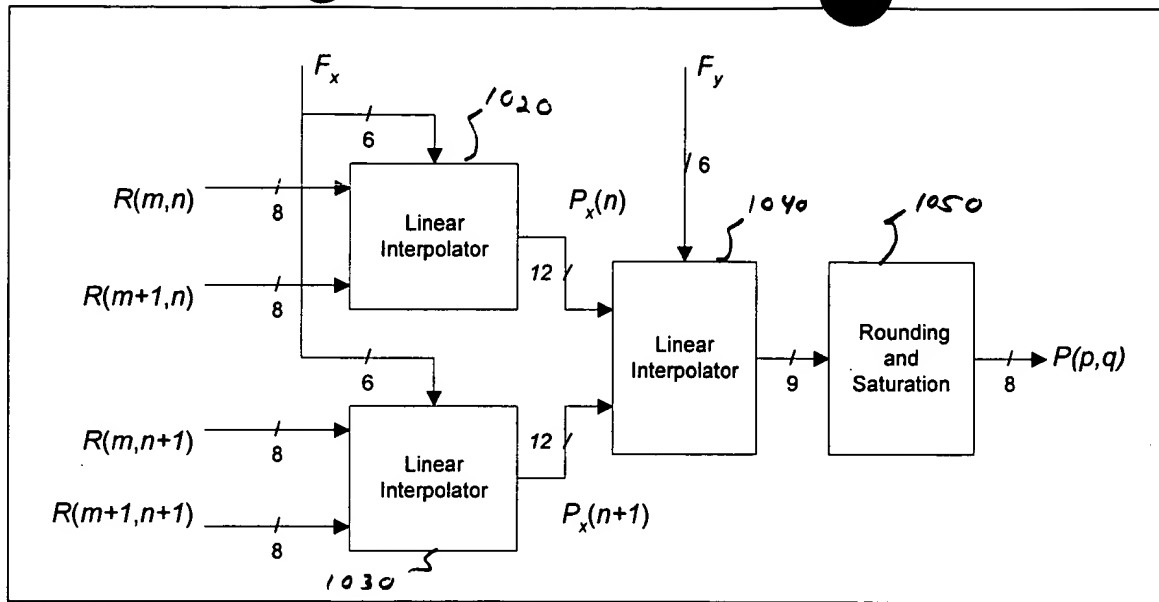


Figure 10.

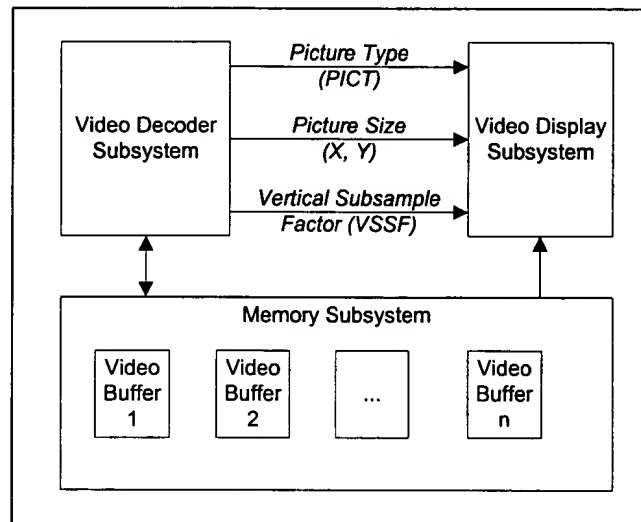
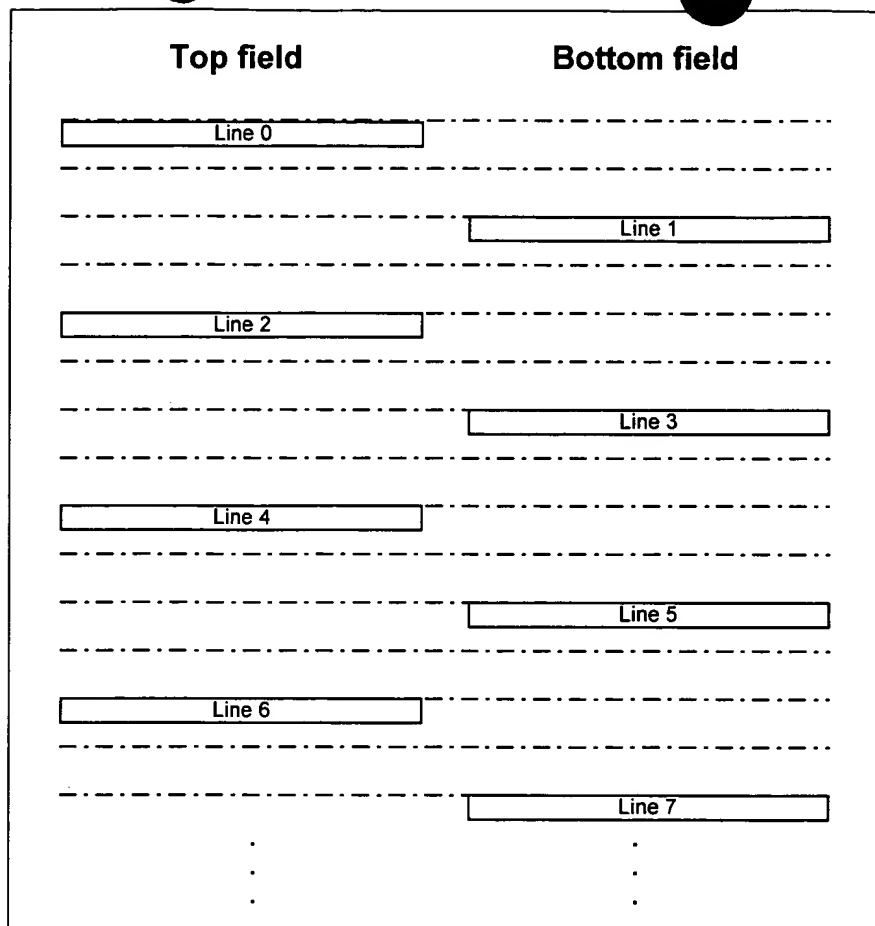


Figure 11.

**Figure 12.**

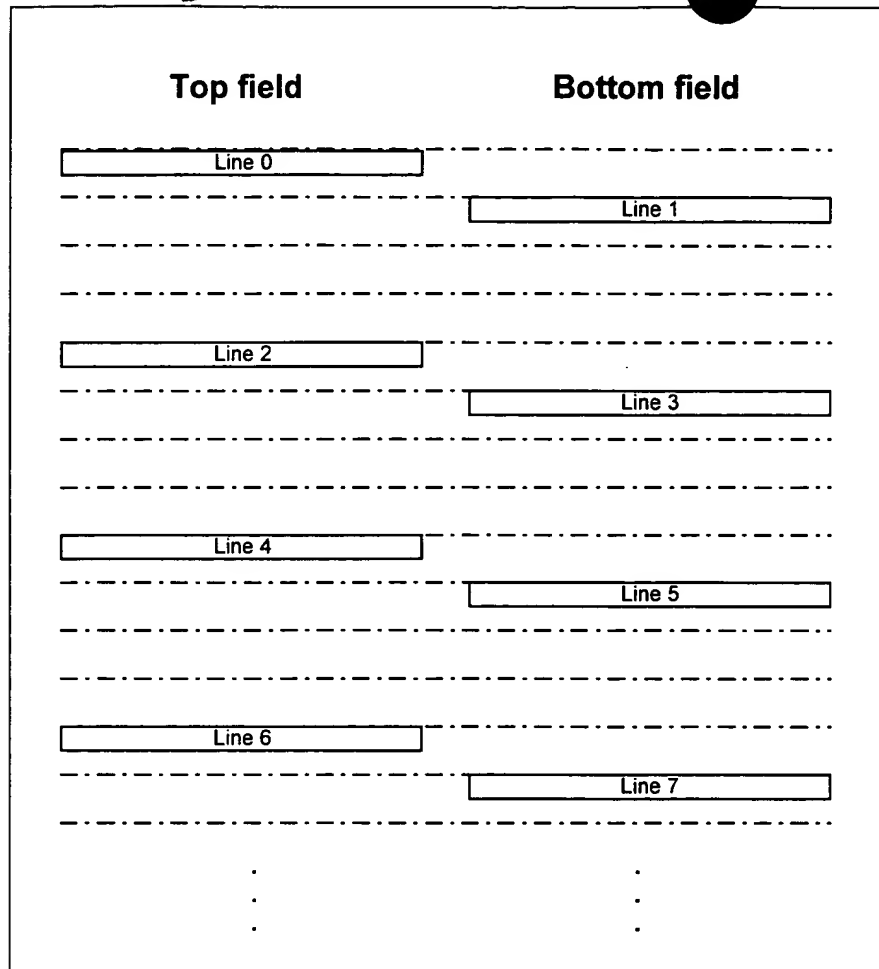


Figure 13.



Top field	Bottom field
Line 0	Line 1
Line 2	Line 3
Line 4	Line 5
Line 6	Line 7
.	.
.	.
.	.

Figure 14.

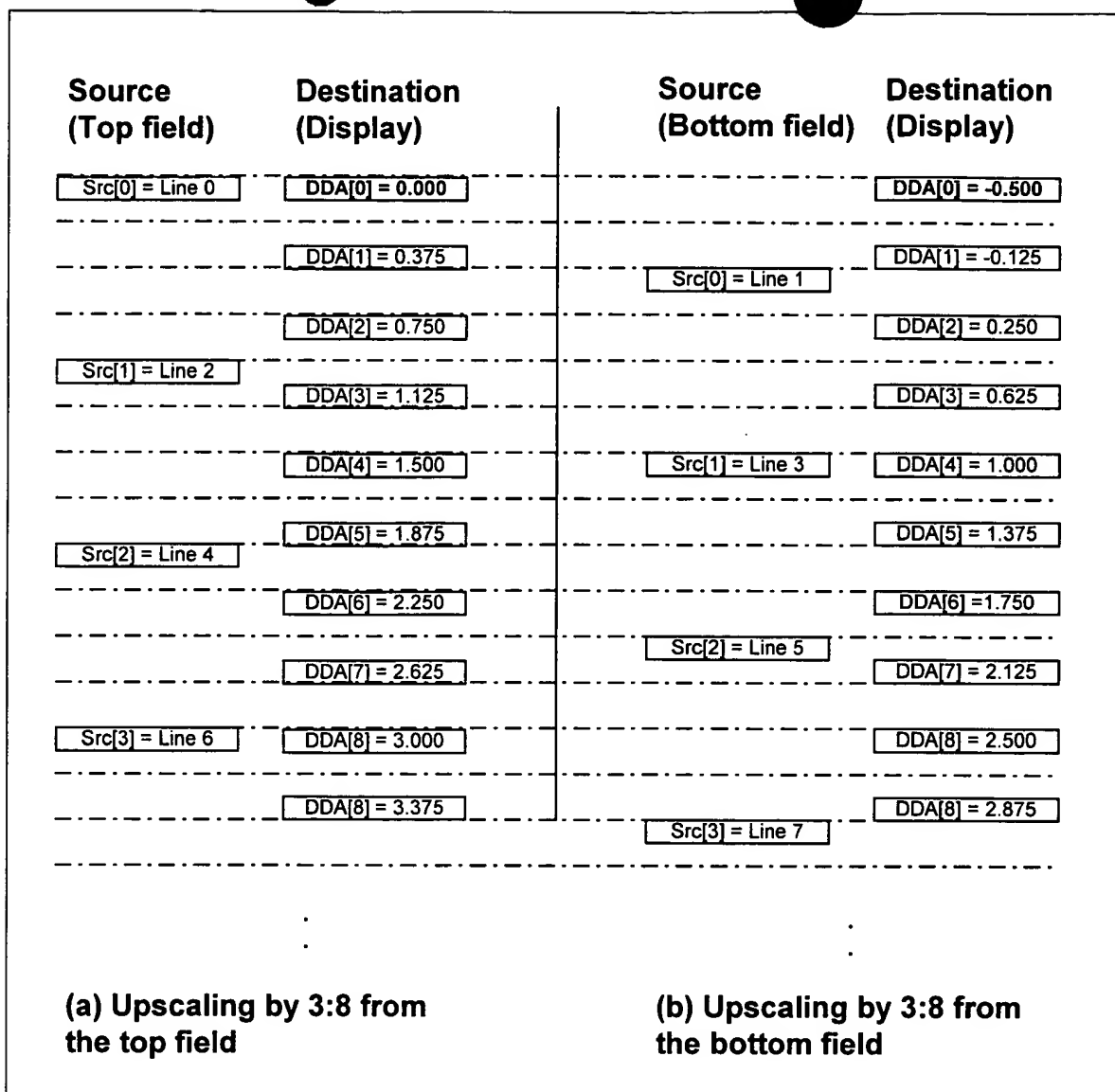


Figure 15.

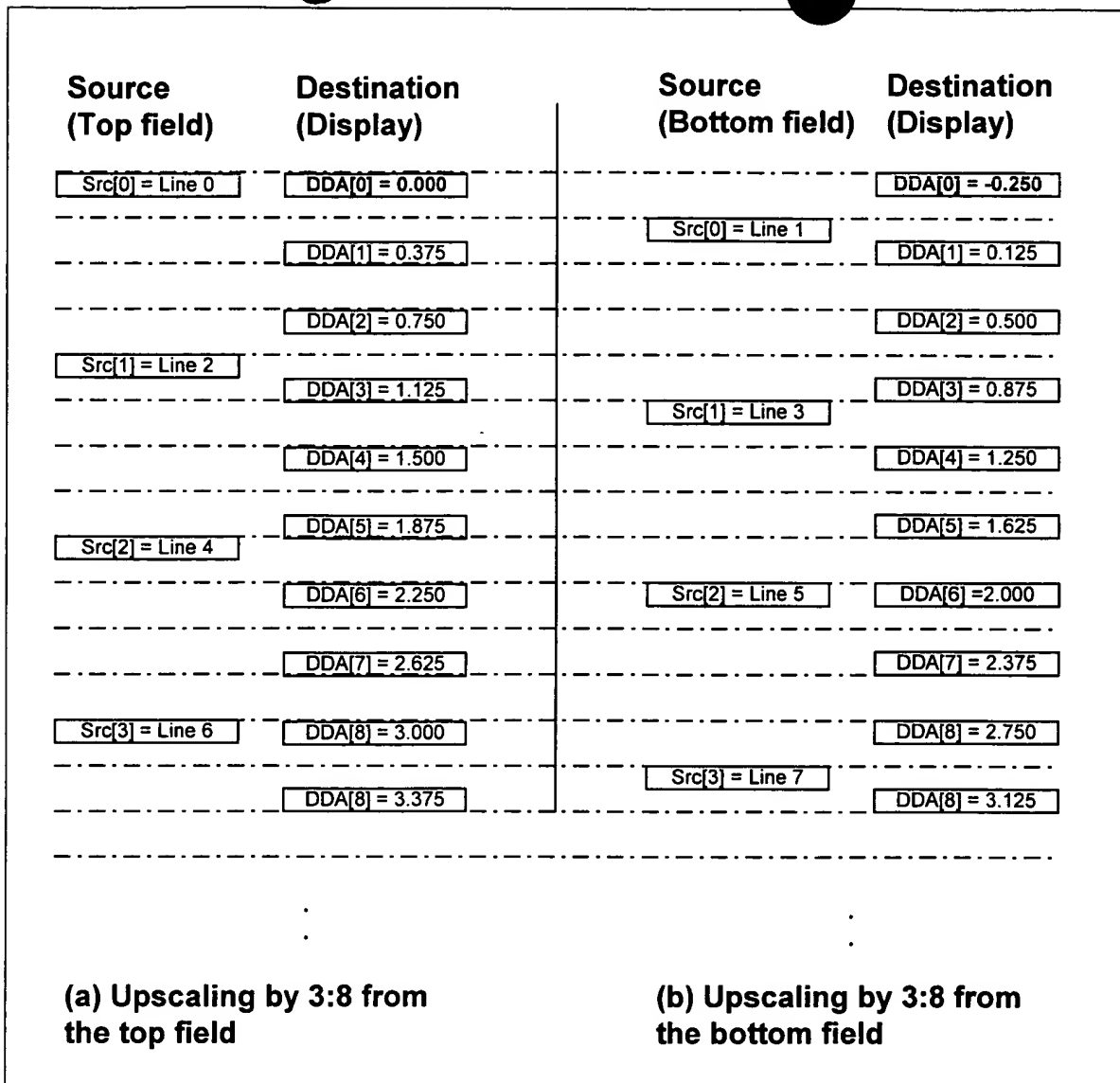


Figure 16.